

Electronic Filing System (EFS) Data
Electronic Patent Application Submission
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EFS ID: 17634
Application ID: 10064977
Title of Invention: METHOD AND SYSTEM FOR
IMPROVED SOUND QUALITY OF
AUTOMOTIVE AUDIO
First Named Inventor: Shinichi Sato
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-09-05
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: PC 2200.01US
Digital Certificate Holder: cn=Steve A Wong, ou=Registered Attorneys, ou=Patent and
Trademark Office, ou=Department of Commerce, o=U.S.
Government, c=US
Certificate Message Digest: BEhiwusBShquoj7QG8CloA==
Total Fees Authorized: \$990.0
Payment Category: DA - Deposit Account
Deposit Account Number: 41175
Deposit Account Name: Steve A. Wong



TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility
Patent Filing

Attorney Docket
Number:

PC
2200.01US



METHOD AND SYSTEM FOR IMPROVED SOUND QUALITY OF AUTOMOTIVE AUDIO

First Named Inventor: Mr. Shinichi Sato

SUBMITTED BY

| | |
|--|-----------------------|
| Name: | Mr. Steve A. Wong |
| Registration Number: | 37,968 |
| Electronic Signature Mark: Steve A. Wong | Date Signed: 20020905 |

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

| | |
|-------------|------------------|
| declaration | Declaration1.tif |
| declaration | Declaration2.tif |

PC 2200.01 US

PTO/SB/01 (10-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
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| | | |
|---|-------------------------------|---------------|
| DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) <input checked="" type="checkbox"/> Declaration Submitted with Initial Filing OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required) | Attorney Docket Number | PC 2200.01 US |
| | First Named Inventor | Shinichi Sato |
| | COMPLETE IF KNOWN | |
| | Application Number | / |
| | Filing Date | Herewith |
| | Art Unit | Not Yet Known |
| | Examiner Name | Not Yet Known |

As the below named Inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD AND SYSTEM FOR IMPROVED SOUND QUALITY OF AUTOMOTIVE AUDIO

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed | Certified Copy Attached? | |
|-------------------------------------|---------|----------------------------------|--------------------------|--------------------------|--------------------------|
| | | | | YES | NO |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

(Page 1 of 2)

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on

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NAME OF SOLE OR FIRST INVENTOR☐ A petition has been filed for this unsigned inventor

Given Name

(first and middle [if any]) Shinichi

Family Name

or Surname Sato

Inventor's
Signature*Shinichi Sato*8/23/02
Date

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State MI

ZIP 48170

Country USA

NAME OF SECOND INVENTOR:☐ A petition has been filed for this unsigned inventor

Given Name

(first and middle [if any])

Family Name

or Surname

Inventor's
Signature

Date

Residence: City

State

Country

Citizenship

Mailing Address

City

State

ZIP

Country

☐ Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

(Page 2 of 2)

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Please type a plus sign (+) inside this box



PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035

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| | | |
|--|------------------------|--------------------------------|
| POWER OF ATTORNEY OR AUTHORIZATION OF AGENT | Application Number | Unknown |
| | Filing Date | Herewith |
| | First Named Inventor | Shinichi Sato |
| | Title | METHOD AND SYSTEM FOR... AUDIO |
| | Group Art Unit | Not Yet Known |
| | Examiner Name | Not Yet Known |
| | Attorney Docket Number | PC 2200.01 US |

I hereby appoint:

☒ Practitioners at Customer Number 33379

OR

☐ Practitioner(s) named below:

| Name | Registration Number |
|------|---------------------|
| | |
| | |
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as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

| | |
|-----------|----------------------|
| Name | Shinichi Sato |
| Signature | <i>Shinichi Sato</i> |
| Date | 8/23/02 |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ Total of 1 forms are submitted.

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FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 990

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 04-1175
Deposit Account Name: Discovision Associates



Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name: Steve A. Wong
Electronic Signature Mark: Steve A. Wong
Date Signed: 20020905

BASIC FILING FEE

| Fee Description | Fee Code | Fee Paid |
|--------------------|----------|----------|
| Utility Filing Fee | 101 | \$ 740 |

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

| | Fee Code | Fee | Extra Claims | Fee Paid |
|-----------------------|----------|-------|--------------|----------|
| Total Claims: 27 | 103 | \$ 18 | 7 | \$ 126 |
| Independent Claims: 4 | 102 | \$ 84 | 1 | \$ 84 |

10064977, 00000000

Subtotal For Extra Claims Fees: \$ 210

ADDITIONAL FEES

| Fee Description | Number | Quantity | Fee Code | Amount | Fee Paid |
|---|----------|----------|----------|--------|----------|
| Recording Each Patent Assignment Per Property Fee | 00000000 | 1 | 581 | \$ 40 | \$ 40 |

Subtotal For Additional Fees: \$ 40